Reads:
1: ATCGGTATCG
2: GGTATCGTTA
3: ATCGTTACGG
4: GTTACGGTAT
5: ACGGTATACC

1: ATCGGTATCG   Overlap length:7
2:   GGTATCGTTA

1: ATCGGTATCG   Overlap length:4
3:      ATCGTTACGG

1: ATCGGTATCG   Overlap length:1
4:         GTTACGGTAT

1: ATCGGTATCG   No Overlap
5:          ACGGTATACC